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	S21	S20	S19	\$18	\$17	\$16	\$15	S14	S11	S10
	0	4.	2	27	87	8	41	87	56	56
	(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylakcohol or pvoh or pva) with hydrolyzation)	(("438" or51 or "451").clas.) and (("polyvinyl near alcohol) or polyvinylachol or pvoh or pva) with advantage\$4)	(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with advantage)	\$15 not (\$17 or \$16)	("438".clas.) and (polyvninylapyrrolidone or pvp or (polyvninylapy pyrrolidone)) and ((polyvninylapyrolidone)) or polyvninylalicohol or pvoh or pva)	("451".clas.) and (polyvinylaryrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva)	("51".clas.) and (polyvinylpyrrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva)	("438".clas.) and (polyvinylapyrrolidane or pvp or (polyvinyl adj pyrrolidane)) and ((polyvinyl near akohol) or polyvinylakohol or pvoh or pva)	("451".clas.) and (polyvinylpyrrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylaicohol or pvoh or pva)	("451".clas.) and (polyvinylpyrrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol)
DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO;	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
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**S7** 

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("451".clas.) and (polyvinylpyrrolidone or pvp) and (polyvinyl near alcohol) or polyvinyl near alcohol)	("451".clas.) and (polyvinylpyrrolidone or pvp)	("451".clas.) and (polyvinylpyrrolidone or PPlease See Continuation Sheet P)	(((polising polish) near3 composition) or slurry) and polyvinylpyroidlone and ((polyvinyl near alcohol) or polyvinylalcohol) and (polish or polishing) and ("%" or percent)	(((polising polish) near3 composition) or slurry) and polyvinylpyrolidone and ((polyvinyl near alcohol) or polyvinylakohol) and (polish or polishing)	(((polising polish) near3 composition) or slurry) and polyvinylpyrrolidone and ((polyvinyl near alcohol) or polyvinylalcohol)	(((polising polish) near3 composition) or slurry) same polyvinylpyrrolidone	("451".clas.) and polyvinylpyrrolidone	(((polising polish) near3 composition) or slurry) and polyvinylpyrrolidone	Search Query
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	DBs
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	S39	S38	S37	S36	S35	S34	S33	S32	S31	S30
	246	167	263464	1379	2831	0	0	4	0	ω
	((corrosion near inhibitor) or ( complexing near agent)) near3 ((hydrogen adj peroxide) PVA PVP)	S37 and S36	(("438" or51 or "451").clas.)	((corrosion near inhibitor) or ( complexing near agent)) near3 ((citric adj acid) or glycine or benzotriazole or triazole or (hydrogen adj peroxide) PVA PVP (ammonium adj polyacrylate))	((corrosion near inhibitor) or ( complexing near agent)) with ((citric adj acid) or glycine or benzotriazole or triazole or (hydrogen adj peroxide) PVA PVP (ammonium adj polyacrylate))	(("438" or "51" or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with hydrolyzation)	(("438" or "51" or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with hydrolyze)	(("438" or "51" or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with hydrolysis)	(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with hydrolyze)	(("438" or51 or "451").clas.) and (((pohyvinyl near alcohol) or pohyvinylalcohol or pvoh or pva) with hydrolysis)
DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO;	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
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	2005/02/17 09:38	2005/02/16 17:53	2005/02/16 18:05	2005/02/16 17:54	2005/02/16 17:49	2005/02/16 17:28	2005/02/16 17:28	2005/02/16 17:28	2005/02/16 17:28	2005/02/16 17:28

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S29	S28	S27	S26	S25	S24	\$23	<b>S22</b>
0	0	0	0	-	0	20	48
S23 and elvanol	(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) same (vinex))	(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with (vinex))	523 and vinex	(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with (mole adj (percent or "%")))	S23 and hydrolization	(US-20010005009-\$ or US-20020019202-\$ or US-20020019202-\$ or US-20020095872-\$ or US-20020095872-\$ or US-20030121214-\$ or US-20030121214-\$ or US-200300139127-\$ or US-2003002450-\$ ).did. or (US-5252277-\$ or US-6436811-\$ or US-6436812-\$ or US-643749-\$ or US-6436819-\$ or US-6437740-\$ or US-682819-\$ or US-6689714-\$ or US-6891740-\$ or US-68939-\$ or US-6893	(((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with hydrohyzation)
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
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2005/02/16 17:24	2005/02/16 17:19	2005/02/16 17:26	2005/02/16 17:24	2005/02/16 17:18	2005/02/16 17:18	2005/02/17 08:58	2005/08/09 14:08

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S49

**S48** 

**S47** 

106095 326 106 203 178 77 7 19 0 S43 and (pad adj pressure) same (CMP or ("chemical mechanical polish\$3") same (advantage\$4)) S43 and (pad adj pressure) and (CMP or ("chemical mechanical polish\$3")) (corrosion near inhibitor) near3 ((hydrogen adj peroxide) PVA PVP) \$43 and ((pad adj pressure) same (kilopascals or (kilo adj pascals))) S43 and (pad adj pressure) (("51" or "451").clas.) S43 and (pad adj pressure) same (CMP or ("chemical mechanical (kpa)) S43 and ((pad adj pressure) same S37 and S40 (glycine or (\$4triazole)) (corrosion near inhibitor) near3 polish\$3")) US-PGPUB; USPAT; USOCR; EPO; JPO; US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT US-PGPUB; USPAT; US-PGPUB; USPAT; DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT USPAT; USOCR; USOCR; EPO; JPO; DERWENT USPAT; USOCR; EPO; JPO; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; DERWENT EPO; JPO; USOCR; US-PGPUB; EPO; JPO; US-PGPUB; USPAT; USOCR; DERWENT DERWENT USOCR; USPAT; US-PGPUB; DERWENT EPO; JPO; DERWENT S Q, ဓ္က 윷 9 õ 유 유 유 윷 유 유 OFF. 유 유 윢 유 유 HQ HQ 유 2005/02/16 18:08 2005/02/16 18:05 2005/02/16 17:59 2005/02/16 17:59 2005/02/16 17:58 2005/02/16 18:10 2005/02/16 18:09 2005/02/16 18:07 2005/02/16 18:06 2005/02/16 18:09 **S**59 **S58 S**57 **S56 SSS S**54 S53 **S**52 **S**51 S50

**S45** 

**S46** 

162

("nm" or angstrom\$1 or

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

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2005/02/16 18:46

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mechanical polish\$3")) and (CMP or ("chemical minute\$1)) and (advantage\$4)) S43 and (((removal adj rate) same

("nm" or angstrom\$1 or minute\$1)) same (advantage\$4)) and (CMP or ("chemical S43 and (((removal adj rate) same

US-PGPUB; USPAT; USOCR; EPO; JPO;

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mechanical polish\$3"))

V(US-20020132563-\$ or US-20020019202-\$ or US-20010024933-\$).did. or ( US-6530824-\$ or US-6503418-\$ or US-6443812-\$ or US-6328634-\$). did.

US-PGPUB; USPAT

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S43 and ((removal adj rate) same (advantage\$4) same angstrom\$) and (CMP or ("chemical mechanical polish\$3"))

US-PGPUB; USPAT;

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USOCR; EPO; JPO;

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S43 and ((removal adj rate) same (advantage\$4)) and angstrom\$ and (CMP or ("chemical mechanical polish\$3"))

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

\$<del>4</del>

S43

504

S43 and ((removal adj rate) same (advantage\$4)) and (CMP or ("chemical mechanical polish\$3"))

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

2

S43 and ((pad adj pressure) same (advantage\$4)) and (CMP or ("chemical mechanical polish\$3"))

US-PGPUB; USPAT;

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USOCR; EPO; JPO;

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\$43 and (pad adj pressure) same (advantage\$4) and (CMP or "chemical mechanical polish\$3"))

US-PGPUB; USPAT; USOCR; EPO; JPO;

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2005/02/16 18:12

\$43 and (pad adj pressure) same (CMP or ("chemical mechanical polish\$3")) same (advantage\$4)

US-PGPUB; USPAT; USOCR; EPO; JPO;

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DERWENT

**S42** 

**S41** 

S40

\$58 and (polyvinylpyrrolidone or (polyvinyl near alcohol) or hyrolyzation or (removal adj rate) or "ph")

US-PGPUB; USPAT

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S78	<i>\$77</i>	S76	575	S74	S73	S72	571	s70
-	251	59	1287	4	6	4	<b>P</b>	10
10/785666.app.	("451".clas.) and (CMP or "chemical mechanical polishing") and ((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva)	(CMP or "chemical mechanical polishing") and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pvoh or pvoh with ("%" percent))	(CMP or "chemical mechanical polishing") and ((polyvinyl near alcohol) or polyvinylalcohol or pvol or pvol	572 not 573	(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with advantage≰4)	(CMP or "chemical mechanical polishing") and (((polyvinyl near akohol) or polyvinylalcohol or pvoh or pva) with advantage\$4)	10/152983.app.	(("438" or51 or "451").clas.) and (polyvinylpyrrolidone or pvp or ("poly vinyl pyrrolidone") or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylaicohol or PVA or ("poly vinyl alcohol")) and ("weight average molecular weight")
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
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2006/01/18 16:41	2005/08/09 14:48	2005/08/09 14:36	2005/08/09 14:48	2005/08/09 14:10	2005/08/09 14:10	2005/08/09 14:11	2005/08/09 13:49	2005/02/17 10:59

S69	S68	S67	S66	S65	S64	\$63	S62	S61	S60
2	26	197	36	14	140	99	438	7	7
(hydrolyzation same water) and ((mole or mol) adj (percent or "96"))	hydrolyzation same (((mole or mol) adj (percent or "%")) and water)	hydrolyzation and ((mole or mol) adj (percent or "%"))	hydrolyzation same ((mole or mol) adj (percent or "%")	hydrolyzation with ((mole or mol) adj (percent or "%")	(complexing near agent) near3 ((hydrogen adj peroxide) PVA PVP)	copper near low-k	copper near3 low-k	SSB and (polyvinylpyrrolidone or (polyvinyl near alcohol) or hyrohyzation or (removal adj rate) or "ph" or PVP or PVA or PVOH or polyvinylalcohol or "poly vinyl alcohol" or low-k)	S58 and (polyvinylpyrrolidone or (polyvinyl near alcohol) or hyrolyzation or (removal adj rate) or "ph" or PVP or PVA or PVOH or polyvinylalcohol or "poly vinyl alcohol")
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
O <sub>R</sub>	OR	OR	O <sub>R</sub>	OR	OR.	Q <sub>R</sub>	OR.	S <sub>2</sub>	OR.
OFF	OFF	OFF	OFF	OFF	OFF	9FF	OFF	OFF	OH H
2005/02/17 10:41	2005/02/17 10:41	2005/02/17 10:38	2005/02/17 10:40	2005/02/17 10:37	2005/02/17 10:35	2005/02/17 09:14	2005/02/17 09:14	2005/02/17 09:14	2005/02/17 09:13